



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
--------------------	---------------------	-----------------------	---------------------------

09/11/98 07/21/98 GOTOH M 0093-0865-2

0232/0811

OBLON SPIVAK MCCLELLAND
MAYER & NEUSTADT
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON VA 22202

NOT ASSIGNED

2835

DATE MAILED:

08/11/98

NOTICE TO FILE MISSING PARTS OF APPLICATION

Filing Date Granted

Decl. Due 10-11-98

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a
☐ small entity (statement filed) ☐ non-small entity is \$ _____.

☐ 1. The statutory basic filing fee is:

- ☐ missing.
- ☐ insufficient.

Applicant must submit \$ _____ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☐ 2. Additional claim fees of \$ _____, including any multiple dependent claim fees, are required.

\$ _____ for _____ independent claims over 3.

\$ _____ for _____ dependent claims over 20.

\$ _____ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

- ☒ is missing or unexecuted.
- ☐ does not cover the newly submitted items.
- ☐ does not identify the application to which it applies.
- ☐ does not include the city and state or foreign country of applicant's residence.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application does not comply with the Sequence Rules.

See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice MUST be returned with the reply.

Customer Service Center
Initial Patent Examination Division (703) 308-1202

FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE
Pat nt and Trad mark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/119,626	07/21/98	2835	\$920.00	0083-0865-2	6	6	2

OBLON SPIVAK MCCLELLAND
MAIER & NEUSTADT
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON VA 22202

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

MASASHI GOTOH, TAKAHAGI-SHI, JAPAN; JITSUO KANAZAWA,
TAKAHAGI-SHI, JAPAN; SYUICHIRO YAMAMOTO, NARASHINO-SHI,
JAPAN; KENJI HONDA, TAKAHAGI-SHI, JAPAN.

TITLE

CIRCUIT BOARD HAVING BONDING AREAS TO BE JOINED WITH BUMPS BY
ULTRASONIC BONDING

PRELIMINARY CLASS: 361

PLEASE NOTE THAT THE FOREIGN APPLICATION INFORMATION HAS BEEN
OMITTED, IT SHOULD READ AS FOLLOWS:

JAPAN 9-210215 07/22/97

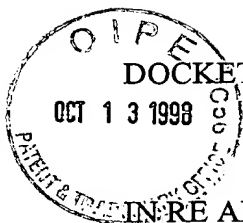
PLEASE NOTE THAT THE TITLE IS INCORRECT, IT SHOULD READ AS FOLLOWS:

CIRCUIT BOARD HAVING BONDING AREAS TO BE JOINED WITH BUMPS BY
ULTRASONIC BONDING

AUG 14 1998

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, PC.

(see reverse)



DOCKET NUMBER: 0083-0865-2/olp

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:
Masashi GOTOH, et al.

: GROUP: 2835

SERIAL NUMBER: 09/119,626

: ATTENTION:
Application Division
Customer Corrections

FILED: July 21, 1998

FOR: CIRCUIT BOARD HAVING BONDING AREAS TO BE JOINED WITH BUMPS BY
ULTRASONIC BONDING

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The Patent Office is requested to provide a corrected Official Filing Receipt for the attached. If you have any questions, please do not hesitate to contact us.

No fees are required. However, in the event that a fee is required, please charge the appropriate amount to our Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Marvin J. Spivak
Attorney of Record
Registration Number 24,913

Robert F. Gnuse
Registration Number 27,295

1755 S. Jefferson Davis Highway
Arlington, Virginia 22202
(703) 413-3000
Fax: 413-2220

SECTOR

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW

FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202 U.S.A.

(703) 413-3000

(703) 413-2220 FACSIMILE

OBLONPAT@OBLON.COM

WWW.OBLON.COM

PATENT, TRADEMARK AND COPYRIGHT LAW
AND RELATED FEDERAL AND ITC LITIGATION



DOCKET NO: 0083-0865-2

ATTN: APPLICATION BRANCH

**THIS IS A RESPONSE TO A
NOTICE TO FILE MISSING PARTS OF APPLICATION**

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Re: Inventor: Masashi GOTOH, et al.
Serial No.: 09/119,626
Filed: July 21, 1998
For: CIRCUIT BOARD HAVING BONDING AREAS TO
BE JOINED WITH BUMPS BY ULTRASONIC
BONDING

SIR:

Attached hereto for filing are the following papers:

- Notice to File Missing Parts
- Filing of Declaration
- Declaration
- Request for Corrected Official Filing Receipt w/Attachment

Our check in the amount of \$ 00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Marvin J. Spivak

Attorney of Record

Registration No. 24,913

Robert F. Gnuse

Registration Number 27,295

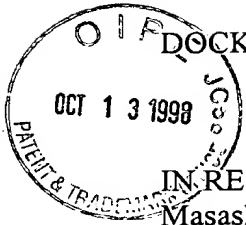
NORMAN F. OBLON
MARVIN J. SPIVAK
C. IRVIN McCLELLAND
GREGORY J. MAIER
ARTHUR I. NEUSTADT
RICHARD D. KELLY
JAMES D. HAMILTON
ECKHARD H. KUESTERS
ROBERT T. POUS
DAVID J. KERA
CHARLES L. HOLZ
VINCENT J. SUNDERDICK*
WILLIAM E. BEAUMONT
STEVEN B. KELBER*
ROBERT F. GNUSE
JEAN-PAUL LAVALLEYE, PH.D.
JEFFREY H. KAUFMAN
BRIAN D. ANDERSON
ROBERTA S. BREN
STEPHEN G. BAXTER, PH.D.
MARTIN M. ZOLTICK
ROBERT W. HAHN, PH.D.
RICHARD L. TREANOR, PH.D.
STEVEN P. WEHROUCH
JOHN T. GOOLKASIAN*
MARC R. LABGOLD, PH.D.*
RICHARD L. CHINN, PH.D.
STEVEN E. UPMAN
CARL E. SCHUER
P. JAY HINES
JAMES J. KULBASKI
CATHERINE B. RICHARDSON*
RICHARD A. NEIFELD, PH.D.
J. DEREK MASON, PH.D.
SURINDER SACHAR
JONATHAN HUDIS

GERALD J. MOSSINGHOFF
MILTON STERNAN
SAMUEL H. BLECH*
JOHN O. TRESANSKY*
ALTON D. ROLLINS
JAMES R. BOLER*
HARRIS A. PITUCK*
RAYMOND F. CARDILLO, JR.
WILLIAM T. ENOS*

MASAYASU MORI*

FRANK J. WEST*
SHARON E. CRANE, PH.D.*
BRADLEY D. LYTLE
CHRISTINA M. GADIANO
KARL D. KOVACH*
JEFFREY B. MCINTYRE*
KATHLEEN COONEY-PORTER*
ANDREW M. OLLIS
MARGO LIVESAY, PH.D.*
AMY L. HULINA
MICHAEL A. GUILIANA*
MARY F. LOVE*
CORWIN P. UMBACH, PH.D.
RON MYERS*
FREDERICK D. VASTINE, PH.D.*
PAUL E. RAUCH, PH.D.*
MICHAEL R. CASEY, PH.D.*
JOHN K. PIKE, PH.D.*
GEORGE F. LESMES*
JAMES J. KELLY, PH.D.*
CARLOS R. VILLAMAR*
DAVID A. BILODEAU*
STAMATIOS MYLONAKIS, PH.D.*
ROBERT C. MATTSON*

* BAR MEMBERSHIP OTHER
THAN VIRGINIA
† JAPANESE PATENT ATTORNEY
* REGISTERED PATENT AGENT



DOCKET NUMBER: 0083-0865-2/olp

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:
Masashi GOTOH, et al.

: GROUP: 2835

SERIAL NUMBER: 09/119,626

: ATTENTION:
Application Division
Customer Corrections

FILED: July 21, 1998

FOR: CIRCUIT BOARD HAVING BONDING AREAS TO BE JOINED WITH BUMPS BY
ULTRASONIC BONDING

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The Patent Office is requested to provide a corrected Official Filing Receipt for the attached. If you have any questions, please do not hesitate to contact us.

No fees are required. However, in the event that a fee is required, please charge the appropriate amount to our Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Marvin J. Spivak
Attorney of Record
Registration Number 24,913
~~Robert F. Gnuse~~
Registration Number 27,295

1755 S. Jefferson Davis Highway
Arlington, Virginia 22202
(703) 413-3000
Fax: 413-2220